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Filing Date:	March 1, 2004
First Named Inventor	Lavie et al.
Group Art Unit	1652
Examiner Name	
Attorney Docket No.	02-134-D

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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U.S. PATENT DOCUMENTS

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W		2001/0012835	A1	Fine et al.	08-09-2001	

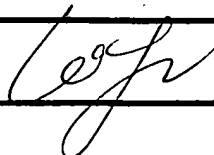
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W		BERGMAN <i>et al.</i> , Decreased resistance to gemcitabine (2',2'-difluorodeoxycytidine) of cytosine arabinoside-resistant myeloblastic murine and rat leukemia cell lines: role of altered activity and substrate specificity of deoxycytidine kinase, 1999, <i>Biochem. Pharmacol.</i> <u>57</u> :397-406;	
W		BLACKSTOCK <i>et al.</i> , Tumor uptake and elimination of 2',2'-difluoro-2'-deoxycytidine (gemcitabine) after deoxycytidine kinase gene transfer: correlation with in vivo tumor response, 2001, <i>Clin. Cancer Res.</i> <u>7</u> :3263-8	

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Date Considered

2-21-06

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W		BLAKEY <i>et al.</i> , "Enzyme Prodrug Therapy of Cancer" Exp. Opin. Ther. Patents (September 1997) 7(9) 966-977.	
		ESTEY <i>et al.</i> , Variables predicting response to high dose cytosine arabinoside therapy in patients with refractory acute leukemia, 1987, <i>LEUKEMIA</i> 1:580-3;	
		ESTEY, How I treat older patients with AML, 2000, <i>Blood</i> 96:1670-3	
		GANDHI <i>et al.</i> , Fludarabine potentiates metabolism of cytarabine in patients with acute myelogenous leukemia during therapy, 1993, <i>J. Clin. Oncol.</i> 11:116-24	
		GLADSTONE <i>et al.</i> , "Antibody Directed Doxycytidine Kinase (DCK) Enhances the Cytotoxicity of Ara -C Towards CD33+ Leukemia Cells. Session Type: Oral Session" Blood 102(11) 138A (November 16 2003).	
		GOAN <i>et al.</i> , Overexpression of ribonucleotide reductase as a mechanism of resistance to 2,2-difluorodeoxycytidine in the human KB cancer cell line, 1999, <i>Cancer Res.</i> 59:4204-7	
		HAPKE <i>et al.</i> , Retroviral transfer of deoxycytidine kinase into tumor cell lines enhances nucleoside toxicity, 1996, <i>Cancer Res.</i> 56:2343-7	
		HUBERT <i>et al.</i> , STEAP: a prostate-specific cell-surface antigen highly expressed in human prostate tumors, 1999, <i>Proc Natl Acad Sci U S A.</i> 7:14523-8	
		IACOBONI <i>et al.</i> , High-dose cytosine arabinoside: treatment and cellular pharmacology of chronic myelogenous leukemia blast crisis, 1986, <i>J. Clin. Oncol.</i> 4:1079-88	
		KABOURIDIS, Biological applications of protein transduction technology, 2003, <i>Trends in Biotechnology</i> 21:498-503	
W		KAKIHARA <i>et al.</i> , Expression of deoxycytidine kinase (dCK) gene in leukemic cells in childhood: decreased expression of dCK gene in relapsed leukemia, 1998, <i>Leuk. Lymphoma</i> 31:405-9;	
		KANTARJIAN <i>et al.</i> , Phase I-II clinical and pharmacologic studies of high-dose cytosine arabinoside in refractory leukemia, 1986, <i>Am. J. Med.</i> 81:387-94	
		KNECHT <i>et al.</i> , 2002, A few amino acid substitutions can convert deoxyribonucleoside kinase specificity from pyrimidines to purines, <i>EMBO J.</i> 21:1873-1880	
W		LOTFI <i>et al.</i> , Biochemical pharmacology and resistance to 2-chloro-2'-arabino-fluoro-2'-deoxyadenosine, a novel analogue of cladribine in human leukemic cells, 1999, <i>Clin. Cancer Res.</i> 5:2438-44;	

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Y	JAN 10 2006	MANSSON <i>et al.</i> , Down-regulation of deoxycytidine kinase in human leukemic cell lines resistant to cladribine and clofarabine and increased ribonucleotide reductase activity contributes to fludarabine resistance, 2003, <i>Biochem. Pharmacol.</i> <u>65</u> :237-247	
		OWENS <i>et al.</i> , Resistance to 1-beta-D-arabinofuranosylcytosine in human T-lymphoblasts mediated by mutations within the deoxycytidine kinase gene, 1992, <i>Cancer Res.</i> <u>52</u> :2389-93;	
		PLUNKETT <i>et al.</i> , Pharmacologically directed ara-C therapy for refractory leukemia, 1985, <i>Semin Oncol</i> <u>12</u> :20-30;	
		RUIZ VAN HAPEREN <i>et al.</i> , Development and molecular characterization of a 2',2'-difluorodeoxycytidine-resistant variant of the human ovarian carcinoma cell line A2780, 1994, <i>Cancer Res.</i> <u>54</u> :4138-43	
		SANDLIE AND BREKKE, Therapeutic antibodies for human diseases at the dawn of the twenty-first century, 2003, <i>Nat. Rev. Drug Discovery</i> <u>2</u> :52-62	
		STEGMANN <i>et al.</i> , Transfection of wild-type deoxycytidine kinase (dck) cDNA into an AraC- and DAC-resistant rat leukemic cell line of clonal origin fully restores drug sensitivity, 1995, <i>Blood</i> <u>85</u> :1188-94	
Y		VAN ROMPAY, <i>et al.</i> , Phosphorylation of nucleosides and nucleoside analogs by mammalian nucleoside monophosphate kinases, 2000, <i>Pharmacol. Ther.</i> <u>87</u> :189-98	

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